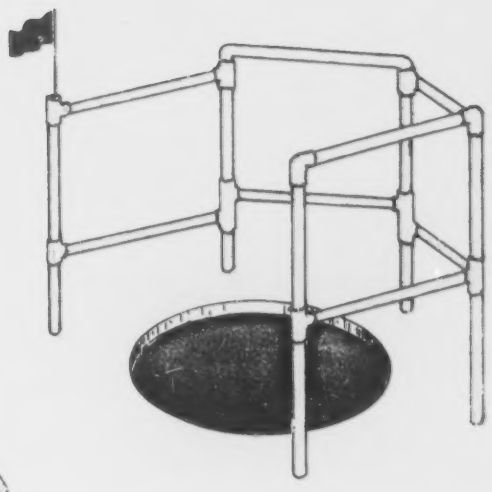
SG775-2.4-UA

1983 STATISTICS FOR GAS UTILITIES

PENNSYLVANIA PUBLIC UTILITY SERIES



COMMONWEALTH OF PENNSYLVANIA
DICK THORNBURGH, Governor

DEPARTMENT OF COMMERCE
JAMES O. PICKARD, Secretary

HIGHLIGHTS

The 1983 statistics for gas utilities in Pennsylvania indicate that:

* Operating revenue increased 308% from $1,001 million in 1973 to $4,085 million in 1983, while average cost per million cubic feet to consumers increased from $1.11 to $5.44 (390%). See Table 1.

* For the same period (1973 - 1983), the number of million cubic feet sold decreased 15% from 731,467 million to 618,679 million. See Table 1.

* Operating revenue increased $311 million (7.6%) from 1982 to 1983; operating expenses increased $110 million (3.4%) for the same period, while net income, after taxes increased $114 million (50.7%). See Table 2.

* Residential consumers represented 93% of the total consumers. However, sales to commercial and industrial consumers exceeded sales to residential consumers. See Table 3.

* The total gas made available for Pennsylvania consumption was 884,948 million cubic feet. See Table 4.

* There were 7,132 productive gas wells at the end of 1983. See Table 5.

* Thirty-one of the fifty-three gas utilities had total revenues of more than $1 million in 1982. See Table 6.

* Columbia Gas Transmission Corporation supplied the most gas made available for Pennsylvania consumption. See Table 7.

Statistics for Gas Utilities in Pennsylvania, 1983

Department of Commerce

James O. Pickard, Secretary

Prepared by the Bureau of Statistics, Research and Planning

June 1985

CONTENTS

		Page
	Introduction, Definitions, and Explanations.....	1
Table		
1	1973 to 1983 Comparisons for Investment, Amount and Cost of MCF, Operating Revenue, Net Income, Number of Employees, and Wages and Salaries for Pennsylvania Gas Utilities.....	2
2	Investment, Employment, Wages, and Salaries, Consumers, Amount of Gas Sold, and Revenue and Expenses of Natural Gas Utilities in Pennsylvania: 1982 and 1983.....	3
3	Sales of Gas to Consumers and Gas Utilities by Natural Gas Utilities in Pennsylvania, by Type of Consumer: 1983.....	3
4	Production and Purchases of Natural Gas in Pennsylvania: 1983.....	4
5	Gas and Oil Wells in Pennsylvania, and Underground Storage: 1983.....	4
6	Revenue, Expenses, Net Income, Net Investment, Capital Expenditures, Employees, Customers, and Quantity of Gas Sold for Gas Utilities in Pennsylvania with Total Revenues of More than $1 Million: 1983.....	5
7	Investment, Employment, Wages and Salaries, Production, and Purchase of Natural Gas, Gas Wells, Underground Storage, Revenue and Expenses, Consumers, Amount of Gas Sold of Columbia Gas Transmission Corporation in Pennsylvania.....	5

1983 CENSUS OF PUBLIC UTILITIES IN PENNSYLVANIA

A. INTRODUCTION

This report presents 1983 data for gas utilities in Pennsylvania. Annual statistics reports are required from each public utility operating in Pennsylvania as provided in the Act of April 20, 1921, P. L. 193, as amended. Data were taken from reports filed with the Public Utility Commission for those utilities under their jurisdiction. Reports from utilities not under P.U.C. jurisdiction were collected by the Bureau of Statistics, Research and Planning, Department of Commerce. Statistics relate to calendar years.

B. DEFINITIONS AND EXPLANATIONS

(1) Types of gas utilities included - All gas utilities which sell natural and/or manufactured gas to Pennsylvania consumers are included in this report.

(2) Gross investment - Aggregate of balance sheet values as of December 31, 1983, for plant property in service, equipment, distribution system in service (including land), and other fixed assets for which depreciation accounts are ordinarily maintained.

(3) Net income - Gross investment less depreciation reserve.

(4) Capital expenditures - Actual or estimated value of construction put in place plus cost of equipment and machinery purchased.

(5) Number of employees - Average number of employees who received pay for any part of the pay period ending nearest the 15th of March, May, August, and November. Employees include persons on paid vacation, but exclude members of the armed forces and pensioners carried on the utility's active rolls. Corporate officers are included, while proprietors and partners of unincorporated utilities and contract employees are excluded.

(6) Wages and salaries - Gross earnings during the reported year, prior to such deductions as employees' social security contributions, withholding taxes, group insurance, and union dues. Included are commissions, dismissal pay, all bonuses, vacation and sick leave pay, and the value of compensation in kind.

Prepared by:

STATISTICAL SERVICES DIVISION: W. Ronald Kresge, Chief

UTILITY SECTION: Clifford Lowe, Editor

TABLE 1: 1973 TO 1983 COMPARISONS FOR INVESTMENT, AMOUNT AND COST OF MCF, OPERATING REVENUE, NET INCOME, NUMBER OF EMPLOYEES, AND WAGES AND SALARIES FOR PENNSYLVANIA GAS UTILITIES

	1983	1973	% Change
Total Investment			
In current dollars (millions)	$3,282	$1,925	+70.5
In constant dollars (millions)	1,611	1,925	-16.3
Net Investment			
In current dollars (millions)	$2,375	$1,422	+67.0
In constant dollars (millions)	1,166	1,422	-18.0
Number of MCF sold (millions)	618,679	731,467	-15.4
Number of Consumers	2,374,220	2,309,966	+2.78
Average cost per MCF to customer			
In current dollars	$5.44	$1.11	+390.1
In constant dollars	2.67	1.11	+140.5
Average cost per MCF to residential customers			
In current dollars	$6.22	$1.49	+317.4
In constant dollars	3.05	1.49	+104.7
Average cost per MCF to commercial and industrial customers			
In current dollars	$4.97	$0.87	+471.3
In constant dollars	2.44	0.87	+165.1
Operating revenue			
In current dollars (millions)	$4,085	$1,001	+308.1
In constant dollars (millions)	2,006	1,001	+180.0
Net income before taxes			
In current dollars (millions)	$714	178	+301.1
In constant dollars (millions)	350	178	+96.2
Net income after taxes			
In current dollars (millions)	$340	$104	+226.9
In constant dollars (millions)	167	104	+60.6
Number of employees	12,362	14,137	-12.6
Wages and salaries			
In current dollars (millions)	$318	$161	+97.5
In constant dollars (millions)	156	161	-3.1

TABLE 2. INVESTMENT, EMPLOYMENT, WAGES AND SALARIES, CONSUMERS, AMOUNT OF GAS SOLD, AND REVENUE AND EXPENSES OF NATURAL GAS UTILITIES IN PENNSYLVANIA: 1982 AND 1983

Item	1983	1982	Revenue and expenses (in thousands of dollars)	1983	1982
Number of utilities	53	56	Operating revenue, total	$4,085,278	$3,774,586
			Sales of gas	3,365,347	2,971,714
			Sales of other utilities	689,491	742,607
Gross investment (thousands)	$3,281,555	$3,505,874	Other operating revenue 3/	30,440	49,000
Less: Depreciation and depletion reserve (thousand)	906,789	981,072			
Net investment (thousands)	2,374,866	2,524,802	Operating expenses, total	$3,359,270	$3,249,599
Capital expenditures (thousands)	108,398	112,044	Cost of production and for purchase	2,839,438	2,863,371
			Transmission and distribution expenses	254,435	138,620
			Depreciation and amortization	92,929	119,292
Number of employees	12,362	14,886	Other operating expenses	172,467	128,317
Wages and salaries (thousands)	$317,796	$346,252	Net operating revenue	726,009	524,988
Number of consumers (thousands) 1/	2,374	2,443	Non-operating revenue 4/	125,270	47,025
Amount of gas sold to consumers millions of cubic feet) 2/	618,679	632,935			
Revenue from sales to consumers (thousand)	$3,365,374	$2,971,714	Non-operating expenses 5/	137,247	51,644
Average revenue per thousand cubic feet of gas sold (dollars)	$5.44	$4.69	Net income, before taxes	714,031	520,368
			Taxes	373,701	294,550
			Net income, after taxes	340,330	225,818

1/ Does not include other gas utilities.
2/ Does not include quantity sold to other gas utilities.
3/ Includes discounts forfeited, oil sales, meter visits, penalties, and miscellaneous unbilled revenue.
4/ Includes dividends, interest, rentals, property sold, and incidental income.
5/ Includes interest, carrying charges on inactive assets, bonuses to executives, and loss from fire or flood.

TABLE 3. SALES OF GAS TO CONSUMERS AND GAS UTILITIES BY NATURAL GAS UTILITIES IN PENNSYLVANIA, BY TYPE OF CONSUMER: 1983

Item	Total	Residential	Commercial and Industrial 1/	Public	Other
CONSUMERS					
Number of consumers	2,374,220	2,214,135	159,580	449	56
Quantity sold (in millions of cubic feet) 2/	618,679	261,566	344,256	7,812	5,044
Revenue from sales of gas (in thousands of dollars)	$3,365,347	$1,627,318	$1,712,068	$4,021	$29,982
GAS UTILITIES					
Quantity sold (in millions of cubic feet)	157,842				
Sales revenue (in thousands)	$689,491				
Average revenue per thousand cubic feet of gas sold (in dollars)	$4.37				

1/ Includes wholesale and retail trade, finance, real estate, insurance, and service industries; includes establishments engaged in manufacturing, mining, and similar activities.
2/ Does not include quantity sold to other gas utilities or quantities sold for resale.

TABLE 4. PRODUCTION AND PURCHASES OF NATURAL GAS IN PENNSYLVANIA: 1983

(Millions of cubic feet)

Production and purchases by Pennsylvania gas utilities	Total
Natural gas produced	18,882
Natural gas purchased ofrom Pennsylvania non-utilities, i.e. oil wells	341,194
Natural gas produced outside Pennsylvania but sold in Pennsylvania	40,591
Natural gas purchased from non-Pennsylvania sources	949,632
Manufactured gas produced in Pennsylvania	-6,396
Manufactured gas purchased in Pennsylvania	59,962
Total production and purchases	1,403,865
Net amount transferred from storage	68,865
Net amount transferred to storage	13,232
Quantity sold to non-Pennsylvania consumers, "unaccounted for gas and gas consumed by the Utility itself"	567,646
Total gas made available for Pennsylvania consumption	884,948

TABLE 5. GAS AND OIL WELLS IN PENNSYLVANIA, AND UNDERGROUND STORAGE: 1983

(Millions of cubic feet)

GAS WELLS	
Productive wells at beginning of year	6,721
Productive wells drilled during the year	14
Old wells restored to productive basis during the year	21
Wells purchased during the year	-
Transferred from non-utility plant	-
Wells abandoned during the year	47
Wells sold during the year	51
Transferred to non-utility plant	-
Producutive wells at end of year	6,658
OIL WELLS	
Productive wells at beginning of year	121
Productive wells drilled during the year	-
Wells abandoned and sold during the year	-
Productive wells at end of year	121
UNDERGROUND GAS STORAGE	
Estimated native gas in storage reservoir (millions of cubic feet)	46,704
Total gas in reservoir (millions of cubic feet)	54,601
Storage capacity (excl. native gas)(millions of cubic feet)	55,833

TABLE 6. REVENUE, EXPENSES, NET INCOME, NET INVESTMENT, CAPITAL EXPENDITURES, EMPLOYEES, CUSTOMERS AND QUANTITY OF GAS SOLD FOR GAS UTILITIES IN PENNSYLVANIA WITH TOTAL REVENUES OF MORE THAN $1 MILLION: 1983

(Money figures in thousands of dollars)

Utility	Total revenue	Total expenses	Income after taxes	Investment in plant	Capital expenditures	Number of employees	Number of customers	Quantity of gas sold in millions of cubic feet 1/
TOTAL	$3,452,005	$2,800,145	$270,928	$2,237,856	$97,711	11,837	2,367,163	654,404
Columbia Gas of Pennsylvania, Inc.	537,245	459,280	14,378	272,510	7,881	1,068	332,201	87,572
Philadelphia Gas Works	492,839	449,022	36,426	411,041	35,974	2,629	524,217	75,872
Peoples Natural Gas Company	431,472	315,475	15,336	255,108	9,423	1,435	318,305	79,029
Philadelphia Electric Company	462,965	372,157	40,062	351,850	29,692	808	306,220	69,797
Equitable Gas Company	339,227	276,581	51,969	303,807	11,408	1,689	243,160	60,397
UGI Corp.	375,366	298,242	27,467	259,044	761	1,364	206,043	69,001
National Fuel Gas Distribution, Corporation	324,968	247,789	19,386	105,088	1,434	723	198,391	54,300
Pennsylvania Gas and Water Company	194,230	157,515	33,594	107,027	343	980	111,969	33,206
North Penn Gas Company	70,764	45,936	20,885	25,062	82	203	30,234	19,324
Carnegie Natural Gas Company	55,702	46,922	4,534	42,051	-	245	5,243	22,869
Phillips Gas & Oil Company T.W.	58,910	42,858	3,664	52,803	98	303	49,097	8,478
Union Gas Company - Lehighton Division	7,332	6,348	87	1,563	-	15	2,420	16,305
Lewistown Gas Company	11,031	9,666	326	2,078	3	15	1,891	2,194
Acme Natural Gas Company	12,003	11,080	157	257	-	-	2	2,203
Pennsylvania & Southern Gas Company	12,528	10,552	179	3,693	-	49	2,987	2,320
Allied Gas Company (All Divisions)	13,816	13,182	253	6,496	47	48	6,131	28,082
Apollo Gas Company	5,001	2,421	1,264	21,643	-	103	1,772	3,357
Union Gas Company - Bangor Division	3,335	2,596	240	1,108	133	8	1,726	717
Counties Gas Company	5,659	1,842	80	1,403	20	16	1,207	992
Union Gas Company - Stroudsburg Division	6,084	5,046	230	2,298	108	15	2,750	9,771
Borough of Chambersburg	4,584	4,487	160	2,082	139	17	4,249	1,112
Kane Gas Light & Heating Company	3,859	3,028	73	1,346	132	18	3,218	623
South Penn Gas Compnay - Huntingdon Division	3,620	3,388	39	1,140	-	5	884	717
North East Heat & Light Company	3,449	475	-19	432	-	12	2,348	635
Union Gas Company - Pittston Division	2,627	2,123	76	1,313	-	14	3,454	409
Honesdale Gas Company	3,140	2,678	92	778	-	13	2,090	572
Central Penn Gas Company - Lock Haven Division	2,168	2,056	37	1,198	32	5	369	311
Mercer Gas, Light & Fuel Company	2,043	2,023	-46	974	1	19	1,447	333
South Penn Gas Company - Waynesboro Division	2,008	2,006	-13	982	-	7	1,161	3,281
South Penn Gas Company - Oxford Division	2,231	1,852	-24	526	-	8	1,548	335
Jersey Shore Gas Company	1,799	1,519	36	1,155	-	3	429	290

1/ Includes quantity sold to the ultimate consumers and other gas utilities.

TABLE 7. INVESTMENT, EMPLOYMENT WAGES AND SALARIES, PRODUCTION AND PURCHASE OF NATURAL GAS, GAS WELLS, UNDERGROUND STORAGE REVENUE AND EXPENSES, CONSUMERS, AMOUNT OF GAS SOLD OF COLUMBIA GAS TRANSMISSION CORPORATION IN PENNSYLVANIA: 1983

(Money figures in thousands of dollars)

Item	1983
Gross Investment	$262,016
Less: Depreciation and depletion reserve	$130,912
Net investment	$131,104
Capital expenditures	$10,620
Number of employees	448
Wages and salaries	$12,670
Production and purchase of gas (millions of cubic feet)	
Natural gas produced	900
Natural gas purchased from Pennsylvania non-utilities, i.e. oil wells	54,283
Natural gas produced outside Pennsylvania but sold in Pennsylvania	40,591
Natural gas purchased from non-Pennsylvania sources	622,159
Exchange of gas-net in Pennsylvania	(-6,412)
Exchange of gas-net outside Pennsylvania	7,079
Total production and purchases	718,600
Net amount transferred from storage	-34,879
Net amount transferred to storage	-5,490
Quantity sold to non-Pennsylvania consumers, "unaccounted for gas and gas consumed by the utility itself"	550,092
Total gas made available for Pennsylvania consumption	128,139
Gas wells	
Productive wells at beginning of year	481
Productive wells drilled during the year	1
Wells abandoned during the year	2
Wells sold during the year	6
Productive sells at end of year	474

Item	1983
Underground gas storage	
Estimated native gas in storage (millions of cubic feet)	27,166
Total gas in reservoir (millions of cubic feet)	44,855
Storage capaity (exl. native gas)(millions of cubic feet)	45,564
Revenue and expenses	
Operating revenue, total	$622,513
Sales of gas to other utilities	618,021
Other operating revenue 1/	4,492
Operating expenses, total	551,953
Cost of production and for purchase	518,899
Transmission and distribution expenses	13,170
Depreciation and amortization	9,773
Other operating expenses	10,111
Net operating revenue	70,560
Non-operating revenue 2/	1,562
Non-operating expenses 3/	1,206
Net income, before taxes	70,916
Taxes	1,431
Net income, after taxes 4/	69,485
Number of customers 5/	14
Quantity of gas sold in millions of cubic feet 4/	128,139

1/ Includes discounts forfeited, oil sales, meter visits, penalties and miscellaneous unbilled revenue.
2/ Includes dividends, interest rentals, property sold, and incidental income.
3/ Includes interest carrying charges on inactive assets, bonuses to executives, and loss from fire or flood.
4/ Excludes Federal Income Tax.
5/ Sales to other gas utilities only.